

<b>Substitute for form PTO/SB/08A</b> <b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/820,144		
		Filing Date	April 8, 2004		
		First Named Inventor	CHANG, Esther H.		
		Art Unit	1632		
		Examiner Name	Shin-Lin Chen		
Sheet	1	of	1	Attorney Docket Number	2474.0070003/BJD/JKM

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
SL	US1	5,108,921	04/28/1992	Low <i>et al.</i>	
	US2	5,139,941	08/18/1992	Muzyczka <i>et al.</i>	
	US3	5,288,641	02/22/1994	Roizman	
	US4	5,378,457	01/03/1995	Paoletti <i>et al.</i>	
	US5	5,416,016	05/16/1995	Low <i>et al.</i>	
	US6	5,521,291	05/28/1996	Curiel <i>et al.</i>	
	US7	5,547,932	08/20/1996	Curiel <i>et al.</i>	
	US8	5,635,382	06/03/1997	Low <i>et al.</i>	
	US9	5,762,938	06/09/1998	Paoletti <i>et al.</i>	
SL	US10	5,833,975	11/10/1998	Paoletti <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>4</sup> Number <sup>5</sup> Kind Code <sup>6</sup> (if known)				
SL	FP1	WO 92/06180	04/16/1992	Univ. of Connecticut		

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LM	NPL1	Alberts, B., <i>et al.</i> , "The Receptors for Most Growth Factors are Transmembrane Tyrosine-Specific Protein Kinases." Chapter 15: Cell Signaling in <i>Molecular Biology of the Cell</i> , Robertson, M., and Adams, R., eds., Garland Publishing, New York, NY. P. 760 (1994)	
	NPL2	Aisen, P., "Transferrin, the Transferrin Receptor, and the Uptake of Iron by Cells," <i>Met. Ions Biol. Syst.</i> 35:585-631, Dekker. (1998)	
	NPL3	Antony, A.C., <i>et al.</i> , "Folate Receptors," <i>Annu. Rev. Nutr.</i> 16:501-521, Annual Reviews Inc. (1996)	
	NPL4	Asagari, K., <i>et al.</i> , "Inhibition of the Growth of Pre-Established Subcutaneous Tumor Nodules of Human Prostate Cancer Cells by Single Injection of the Recombinant Adenovirus p53 Expression Vector," <i>Int. J. Cancer</i> 71:377-382, Wiley-Liss, Inc. (1997)	
	NPL5	Awan, A.M., <i>et al.</i> , "Recent Advances in Radiation Therapy for Head and Neck Cancer," <i>Hematol. Oncol. Clin. North Am.</i> 5:635-655, W.B. Saunders Company (1991)	
	NPL6	Baselga, J. and Mendelsohn, J., "Receptor Blockade with Monoclonal Antibodies as Anti-Cancer Therapy," <i>Pharmac. Ther.</i> 64:127-154, Elsevier Science Ltd. (1994)	
	NPL7	Berkner, K.L., "Development of Adenovirus Vector for the Expression of Heterologous Genes," <i>Biotechniques</i> 6:616-628, Eaton Publishing Co., (1988)	
	NPL8	Bischoff, J.R. <i>et al.</i> , "An Adenovirus Mutant That Replicates Selectively in p53-Deficient Human Tumor Cells," <i>Science</i> 274:373-376, American Association for the Advancement of Science (1996)	
	NPL9	Brachman, D.G., "Molecular Biology of Head and Neck Cancer," <i>Semin. Oncol.</i> 21:320-329, W.B. Saunders Company (1994)	
LM	NPL10	Bristow, R.G., <i>et al.</i> , "The p53 gene as a modifier of intrinsic radiosensitivity: implications for radiotherapy," <i>Radiother. Oncol.</i> 40:197-223, Elsevier Science Ireland Ltd. (1996)	
Examiner Signature	LM Chen		Date Considered
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				Art Unit	1632
				Examiner Name	Shin-Lin Chen
Sheet	2	of	8	Attorney Docket Number	2474.0070003/BJD/JKM
	NPL11	Cheng, P-W., "Receptor Ligand-Facilitated Gene Transfer: Enhancement of Liposome-Mediated Gene Transfer and Expression by Transferrin," <i>Hum. Gene Ther.</i> 7:275-282, Mary Ann Liebert, Inc. (1996)			

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LM	NPL12	Clayman, G.L., <i>et al.</i> , "In Vivo Molecular Therapy with p53 Adenovirus for Microscopic Residual Head and Neck Squamous Carcinoma," <i>Cancer Res.</i> 55:1-6, American Association for Cancer Research (1995)	
	NPL13	Cotten, M., <i>et al.</i> , "High-efficiency receptor-mediated delivery of small and large 48 kilobase gene constructs using the endosome-disruption activity of defective or chemically inactivated adenovirus particles," <i>Proc. Natl. Acad. Sci. USA</i> 89:6094-6098, The National Academy of Sciences (1992)	
	NPL14	Couffinhal, T., <i>et al.</i> , "Histochemical Staining Following <i>LacZ</i> Gene Transfer Underestimates Transfection Efficiency," <i>Hum. Gene Ther.</i> 8:929-934, Mary Ann Liebert, Inc. (1997)	
	NPL15	Cristiano, R.J. and Curiel, D.T., <i>et al.</i> , "Strategies to accomplish gene delivery via the receptor-mediated endocytosis pathway," <i>Cancer Gene Ther.</i> 3:49-57, American Association for Cancer Research (1996)	
	NPL16	Dimery, I.W. and Hong, W.K., "Overview of Combined Modality Therapies for Head and Neck Cancer," <i>J. Natl. Cancer Inst.</i> 85:95-111, Oxford University Press (1993)	
	NPL17	Dorr, F.A., "Antisense Oligonucleotides in the Treatment of Cancer," <i>Antisense Nucleic Acid Drug Dev.</i> 9:391-396, Mary Ann Liebert, Inc. (1999)	
	NPL18	Douglas, J.T., <i>et al.</i> , "Targeted gene delivery by tropism-modified adenoviral vectors," <i>Nat. Biotech.</i> 14:1574-1578, Nature Publishing Group (1996)	
	NPL19	Farhood, H., <i>et al.</i> , "Cationic liposomes for direct gene transfer in therapy of cancer and other diseases," <i>Ann. N.Y. Acad. Sci.</i> 716:23-34, New York Academy of Sciences (1994)	
LM	NPL20	Felgner, P.L., <i>et al.</i> , "Improved Cationic Lipid Formulations for In Vivo Gene Therapy," <i>Ann. N.Y. Acad. Sci.</i> 772:126-139, New York Academy of Sciences (1995)	

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GC	NPL21	Gottschalk, S., <i>et al.</i> , "Folate receptor mediated DNA delivery into tumor cells: potosomal disruption results in enhanced gene expression," <i>Gene Ther.</i> 1:185-191, Nature Publishing Group (1994)	
	NPL22	Goud, B., <i>et al.</i> , "Antibody-Mediated Binding of a Murine Ecotropic Moloney Retroviral Vector to Human Cells Allows Internalization But Not the Establishment of the Proviral State," <i>Virol.</i> 163:251-254, Academic Press, Inc. (1988)	
	NPL23	Hall, A.R., <i>et al.</i> , "p53-dependent cell death/apoptosis is required for a productive adenovirus infection," <i>Nat. Med.</i> 4:1066-1072, Nature Publishing Company (1998)	
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	NPL25	Heise, C., <i>et al.</i> , "ONXY-015, an E1B gene-attenuated adenovirus, causes tumor-specific cytolysis and antitumoral efficacy that can be augmented by standard chemotherapeutic agents," <i>Nat. Med.</i> 3:639-645, Nature Publishing Group (1997)	
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	NPL28	Kastan, M.B., <i>et al.</i> , "Participation of p53 Protein in the Cellular Response to DNA Damage," <i>Cancer Res.</i> 51:6304-6311, American Association for Cancer Research (1991)	
GC	NPL29	Kataoka, M., <i>et al.</i> , "An Agent That Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer <i>in Vivo</i> ," <i>Cancer Res.</i> 58:4761-4765, American Association for Cancer Research (1998)	

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LC	NPL30	Kim, D., <i>et al.</i> , "ONYX-015: Clinical data are encouraging," <i>Nat. Med.</i> 4:1341-1342, Nature America Inc. (1998)	
	NPL31	Kuerbitz, S.J., <i>et al.</i> , "Wild-type p53 is a cell cycle checkpoint determinant following irradiation," <i>Proc. Natl. Acad. Sci. USA</i> 89: 7491-7495, The National Academy of Sciences (1992)	
	NPL32	Lee, R.J. and Low, P.S., "Delivery of Liposome into Cultured KB Cells via Folate Receptor-mediated Endocytosis," <i>J. Biol. Chem.</i> 269:3198-3204, The American Society for Biochemistry and Molecular Biology, Inc. (1994)	
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	NPL36	Lewis, J.G., <i>et al.</i> , "A serum-resistant cytofectin for cellular delivery of antisense oligodeoxynucleotides and plasmid DNA," <i>Proc. Natl. Acad. Sci. USA</i> 93:3176-3181, The National Academy of Sciences (1996)	
	NPL37	Linke, S.P., "Has the smart bomb been defused," <i>Nature</i> 395:13 & 15, Macmillan Publisher Ltd. (1998)	
LC	NPL38	Lowe, S.W., <i>et al.</i> , "p53-Dependent Apoptosis Modulates the Cytotoxicity of Anticancer Agents," <i>Cell</i> 74:957-967, Cell Press (1993)	

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gm	NPL39	Miyamoto, T., <i>et al.</i> , "Transferrin receptor in oral tumors," <i>Intl. J. Oral Maxillofac. Surg.</i> 23:430-433, Munksgaard (1994)	
	NPL40	McIlwath, A.J., <i>et al.</i> , "Cell Cycle Arrests and Radiosensitivity of Human Tumor Cell Lines: Dependence on Wild-Type p53 for Radiosensitivity," <i>Cancer Res.</i> 54:3718-3722, American Association for Cancer Research (1994)	
	NPL41	O'Connor, P.M., <i>et al.</i> , "Role of the p53 Tumor Suppressor Gene in Cell Cycle Arrest and Radiosensitivity of Burkitt's Lymphoma Cell Lines," <i>Cancer Res.</i> 53:4776-4780, American Association for Cancer Research (1993)	
	NPL42	Pitts, J.D., "Cancer Gene Therapy: A Bystander Effect Using the Gap Junctional Pathway," <i>Mol. Carcinog.</i> 11:217-130, Wiley-Liss, Inc. (1994)	
	NPL43	Prillo, K.F., "p53 mediated sensitization of squamous cell carcinoma of the head and neck to radiotherapy," <i>Oncogene</i> 14:1735-1746, Stockton Press (1997)	
	NPL44	Rogers, B.E., <i>et al.</i> , "Use of a novel cross-linking method to modify adenovirus tropism," <i>Gene Ther.</i> 4:1387-1392, Stockton Press (1997)	
	NPL45	Roux, P., <i>et al.</i> , "A versatile and potentially general approach to the targeting of specific cell types by retroviruses: Application to the infection of human cells by means of major histocompatibility complex class I and class II antigens by mouse ecotropic murine leukemia virus-derived viruses," <i>Proc. Natl. Acad. Sci. USA</i> 86:9079-9083, The National Academy of Sciences (1989)	
gm	NPL46	Schwarzenberger, P., <i>et al.</i> , "Receptor-Targeted Recombinant Adenovirus Conglomerates: a Novel Molecular Conjugate Vector with Improved Expression Characteristics," <i>J. Virol</i> 71:8563-8571, American Society for Microbiology (1997)	

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		Art Unit	1632
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		Attorney Docket Number	2474.0070003/BJD/JKM
Sheet	7	of	8

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T <sup>2</sup>
LM	NPL47	Seachrist, L., "Successful Gene Therapy Has Researchers Looking for the Bystander Effect," <i>J. Natl. Cancer Inst.</i> 86:82-83, Oxford University Press (1994)	
	NPL48	Selivanova, G., <i>et al.</i> , "Mutant p53: The loaded gun," <i>Curr Opin Investig Drugs</i> 2:1136-1141, PharmaPress Ltd (2001)	
	NPL49	Seung, L.P., <i>et al.</i> , "Genetic Radiotherapy Overcomes Tumor Resistance to Cytotoxic Agents," <i>Cancer Res.</i> 55:5561-5565, American Association for Cancer Research (1995)	
	NPL50	Shin, D.M., <i>et al.</i> , "p53 Expression: Predicting Recurrence and Second Primary Tumors in Head and Neck Squamous Cell Carcinoma," <i>J. Natl. Cancer Inst.</i> 88:519-529, Oxford University Press (1996)	
	NPL51	Singh, M. "Transferring as a Targeting Ligand for Liposome and Anticancer Drugs," <i>Curr. Pharm. Des.</i> 5:443-451, Bentham Science Publishers B.V. (1999)	
	NPL52	Snitkovsky, S. and Young, A.T.J., <i>et al.</i> , "Cell-specific viral targeting mediated by a soluble retroviral receptor-ligand fusion protein," <i>Proc. Natl. Acad. Sci. USA</i> 95:7063-7068, The National Academy of Sciences (1998)	
	NPL53	Srivastava, S., <i>et al.</i> , "Germ-line transmission of a mutated p53 gene in a cancer-prone family with Li-Fraumeni syndrome," <i>Nature</i> 348:747-749, Nature Publishing Company (1997)	
	NPL54	Thorstensen, K. and Romslo, I., "The transferrin receptor: its diagnostic value and its potential as therapeutic target," <i>Scand J. Clin. Lab. Investig. Suppl.</i> 215:113-120, Universitetsforlaget (1993)	
	NPL55	Wagner, E., <i>et al.</i> , "Coupling of adenovirus to transferrin-polylysine/DNA complexes greatly enhances receptor-mediated gene delivery and expression of transfected genes," <i>Proc. Natl. Acad. Sci USA</i> 89:6099-6103, The National Academy of Sciences (1992)	
LM	NPL56	Walker J.R., <i>et al.</i> , "Local and Systemic Therapy of Human Prostate Adenocarcinoma with the Conditionally Replicating Herpes Simplex Virus Vector G207," <i>Hum. Gene Ther.</i> 10:2237-2243, Mary Ann Liebert, Inc. (1999)	

Examiner Signature		Date Considered	12/20/07
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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Application Number	10/820,144
				Filing Date	April 8, 2004
				First Named Inventor	CHANG, Esther H.
				Art Unit	1632
				Examiner Name	Shin-Lin Chen
Sheet	8	of	8	Attorney Docket Number	2474.0070003/BJD/JKM

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SL	NPL57	Weichselbaum, R.R., <i>et al.</i> , "Radioresistant Tumor Cells are Present in Head and Neck Carcinomas That Recur After Radiotherapy," <i>Int. J. Radiat. Oncol. Biol. Phys.</i> 15:575-579, Pergamon Press (1988)	
	NPL58	Weivel, N.A. and Wilson, J.M., "Methods of Gene Delivery," <i>Hematol. Oncol. Clin. North Am.</i> 12:483-501, W.B. Saunders Company (1998)	
	NPL59	Xu, L., <i>et al.</i> , "Systemic p53 gene therapy in combination with radiation results in human tumor regression," <i>Tumor Targeting</i> 4:92-104, Stockton Press (1999)	
	NPL60	Yang, C., <i>et al.</i> , "Adenovirus-mediated Wild-Type p53 Expression Induces Apoptosis and Suppresses Tumorigenesis of Prostatic Tumor Cells," <i>Cancer Res.</i> 55:4210-4213, American Association for Cancer Research (1995)	
	NPL61	Zeimet, A.G., <i>et al.</i> , "New Insights into p53 Regulation and Gene Therapy for Cancer," <i>Biochem. Pharm.</i> 60:1153-1163, Elsevier Science Inc. (June 2000)	
SL	NPL62	O'Sullivan, M.J., <i>et al.</i> , "Comparison of Two Methods of Preparing Enzyme-Antibody Conjugates: Application of these Conjugates for Enzyme Immunoassay," <i>Anal. Biochem.</i> 100:100-108, (1979)	

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Examiner Signature	<i>SL Chen</i>	Date Considered	12-7-07
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